PhD SUMMER ACADEMY 2017

June, 20-28. 2017
ZLC (Zaragoza Logistics Center). Zaragoza, Spain
WELCOME TO THE PhD SUMMER ACADEMY 2017

It is our tenth anniversary! We have had the pleasure to start and carry on throughout the years what have become a signature initiative of our Center. Hundreds of PhD students have stopped by to benefit of the chance to meet world renown experts and participate to an enriching atmosphere of mutual exchange.

We would like to celebrate with you and our faculty this milestone and therefore we look forward to a great edition. We are happy to announce that we successfully involved a group of leading scholars from prestigious academic institutions. Their track record speaks for itself. Hence, in addition to being introduced to methods and topics in the field by absolutely excellent professors, the PhD Summer Academy is a great opportunity to meet doctoral students from different institutions and exchange ideas. Although we expect applicants to come from different institutions, countries and backgrounds, one thing you all have in common is excellence. You will be selected to be part of a discussion forum of outstanding scholars in the area of supply chain management.

It is with great pleasure that we invite you to attend the PhD Summer Academy 2017 at the Center for an intense period of learning, debating, and discovering the fundamental concepts and recent trends in supply chain management, in addition to meeting your future colleagues and having a great time in Zaragoza, Spain.

Apply for admission!
We are looking forward to meeting and working with you, and to helping you during your stay in Zaragoza. We hope that you are as excited and eager as we are here in Spain to get this knowledge exchange journey started!

Davide Luzzini
PhD Summer Academy Director
Zaragoza Logistics Center

Maria Jesus Saenz
Director
Zaragoza Logistics Center
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INSTRUCTOR’S BIOGRAPHIES

MIKKO KETOKIVI

Dr. Ketokivi’s research, teaching, and consulting are best described as a combination of economics, sociology, psychology, management, philosophy, and statistics. In addition to the substantive topics of strategy, management, and organization design, he specializes in methodology: research design, analysis of complex statistical data, measurement, reasoning, scientific rhetoric, and argumentation. Dr. Ketokivi is widely published in top-tier academic management journals. He also serves, or has served, on editorial boards of several academic journals. He is the current Co-Editor-in-Chief of Journal of Operations Management, a premier outlet for research in operations in various contexts: manufacturing, services, health care, humanitarian relief, and supply chain management, to name a few examples. As a statistician, Dr. Ketokivi has also collaborated closely with researchers and practitioners in fields ranging from engineering and economic policy to psychopathology and immigration. As a statistics consultant, Dr. Ketokivi helps his clients analyze and make sense of complex statistical data.

In addition to his academic activities, Dr. Ketokivi is a founding partner and the Chairman of the Board of PAMA Hockey, a Finnish designer and manufacturer of high-end composite ice hockey sticks.

Dr. Ketokivi holds a Ph.D. from the University of Minnesota, Carlson School of Management.

ROBERT KLASSEN

Robert D. Klassen is the Associate Dean, Faculty Development and Research, and Magna International Inc. Chair in Business Administration at the Ivey Business School, Western University, Canada. Klassen’s research explores the multi-faceted linkages between the natural environment, social issues and firm performance, termed the triple bottom line, with a particular emphasis on the pivotal role of supply chains. He has over 45 refereed publications, including widely cited articles in such journals as Journal of Operations Management, Management Science, Academy of Management Journal, Production and Operations Management, and International Journal of Operations and Production Management. He is currently serving as the Departmental Editor for Sustainable Operations at Journal of Operations Management. At Ivey, he has taught the core Operations Management course in the MBA and EMBA programs, as well as electives in Sustainable Development, Services Management, and Technology Management. He has co-authored two textbooks, and written over 30 teaching cases and simulation exercises in the areas of sustainability, process analysis, and operations strategy.
GLEN KREINER

Professor Glen Kreiner is a John and Becky Surma Dean’s Research Fellow. He received his Ph.D. in Business Administration from Arizona State University, a B.A. in Communications and a Master’s of Organizational Behavior from Brigham Young University. Professor Kreiner currently serves on the editorial boards of the Academy of Management Review, Administrative Science Quarterly, and Organization Science, and previously served three terms on the editorial board of the Academy of Management Journal. He has published his research in the Academy of Management Review, the Academy of Management Journal, Organization Science, Journal of Applied Psychology, Journal of Organizational Behavior, Management & Organization Review, Journal of Management and Organization, Human Relations, Entrepreneurship Theory & Practice, Human Resource Management Review, Family Business Review, and Organizational Behavior & Human Decision Processes. His research findings have also been reported on by the Associated Press, The Wall Street Journal, and print and broadcast news organizations internationally. He has received two prestigious awards from the Academy of Management’s Organizational Behavior Division: (1) Best Conference Paper, 2006 and (2) Outstanding Publication, 2007. He has also won two major awards for his work-family balance research with Elaine Hollensbe and Mathew Sheep - the Rosabeth Moss Kanter Award for best publication in work-family research and the Best Paper Award from the Society for Industrial & Organizational Psychology. He and his co-authors also won a 2015 “Best Paper” Award from the British Academy of Management Annual Meeting.

Professor Kreiner teaches the following MBA and/or Executive MBA courses: “Team Process & Performance,” “Team Facilitation,” “Leadership & Identity” and has led Executive MBA Global Immersion trips to South America and Europe. He also teaches a Ph.D. seminar on “Qualitative Research Methods.” He previously taught undergraduate and MBA courses on Organizational Behavior.

Professor Kreiner also serves as the Smeal Faculty Chair of the Smeal Penn State Online MBA Program and is developing a Team Performance course for that program.

DOROTHEE HONHON

Dorothee Honhon is an Associate Professor of Operations Management at the Jindal School of Management of the University of Texas at Dallas. Prior to this position, she worked at the McCombs School of Business of the University of Texas at Austin (2006-2011) and the Eindhoven University of Technology, in the Netherlands (2011-2013).

Her research interests include inventory management, assortment planning, retail operations, behavioral operations management and transportation theory. She has published papers in journals such as Management Science, Operations Research, MSOM and POMS. She is an Associate Editor for the Management Science and 4OR journals, the president-elect of the Women in OR/MS organization and the VP of communications for the POMS College of Supply Chain Management.

In 2010, she received the Regents’ Outstanding Teacher Award from the Board of Regents of the University of Texas system and in 2011 she received the Trammell/CBA Foundation Teaching Award for Assistant Professors. Her paper “Assortment planning with vertically differentiated products” received the Wickham Skinner Best Paper Published in Production and Operations Management During 2012 Award.

Dorothee received her Undergraduate and Master’s degrees in Business Administration from the University of Liege, in Belgium and a Ph.D. in Operations Management from New York University.
**PROGRAM DESCRIPTION**

**EMPIRICAL OPERATIONS MANAGEMENT RESEARCH: CURRENT TOPICS, DEBATES, AND RESEARCH OPPORTUNITIES**

**Professor:** Mikko Ketokivi, Instituto de Empresa, Spain  
**Dates:** 20, 21, 22 June

**Course Description**  
The objective of this part is to examine the current topics in empirical research on operations and supply chain management. Special attention will be given to research design, general methodological questions, and balancing between academic and practical relevance. We examine these issues by reading and discussing a diverse set of empirical research papers published in top operations and supply chain management journals. We ask questions such as: What kind of a general research design fits my research questions? How do I conduct research that makes a contribution? What do being academically and practically relevant entail? In addition to discussing substantive aspects of research, we will also look at the publication process: What journals should I send my own work to? What are the "dos and the don'ts" of authoring and submitting manuscripts for review? What are the criteria for acceptance? What are the most common reasons for rejections and how do I avoid them? What are the top journals and how do they differ from one another? How can I get involved as a reviewer, and why should I?

The overarching goal is to expose the participants to the general topics and challenges associated with conducting and publishing high-quality operations and supply chain management research.

**SUSTAINABILITY IN OPERATIONS MANAGEMENT**

**Professor:** Robert D. Klassen, Ivey Business School, Canada  
**Dates:** 21, 22, 23 June

**Course Description**  
This course will cover a series of topics that progressively expand the scope of OM issues being considered. During our first session, we will examine how managers and researchers define, measure and study operational performance, ranging from the level of process, to site, to firm, to supply chain. Next, our dialogue will expand to consider how sustainability has increasingly integrated the natural environment, and environmental practices into a broader view of operations and competitive advantage. Our last session will focus on social issues, and the implications of social practices for managing supply chains.

Sustainability is a complex, rapidly evolving topic area that integrates multiple perspectives. Reflecting these facts, we will use a combination of reading assignments, thoughtful reflection, small group discussions, and large group discussion and presentations.
DOING GROUNDED THEORY RESEARCH

**Professor:** Glen E. Kreiner, Pennsylvania State University, US  
**Dates:** 23, 24 June  

**Course Description**  
This course provides students with an overview of and some experience with grounded theory. We will briefly cover such topics as: the basics of grounded theory, research design, data collection, data analysis methods (such as coding) and how to conduct/write a grounded theory study rigorously and convincingly. The course also provides exposure to exemplars of published grounded theory studies, including the supply chain literature. In terms of the in-class experience, we will discuss the assigned readings, have in-class discussion based on some slides, and engage in in-class exercises that have participants apply the methods we are learning.  
Readings. Each workshop will have a few articles/chapters to read, including one “exemplar” article showing a grounded theory study. In addition, I strongly recommend the following book for anyone who plans to do a grounded theory study (Charmaz, Kathy. 2014. Constructing Grounded Theory, 2nd edition. Sage Publications). Although we won’t draw on the book directly in the workshop, it will be useful if you do a grounded theory project, and I’ve identified corresponding chapters from it for each workshop session.

INVENTORY MANAGEMENT OF PERISHABLE PRODUCTS TO MINIMIZE WASTE

**Professor:** Dorothee Honhon, University of Texas at Dallas, US  
**Dates:** 26, 27, 28 June  

**Course Description**  
About one-third of all food produced globally for human consumption is wasted: either never harvested, spoiled during transportation, or thrown away by retailers and consumers. Yet the United Nations estimates that almost 800 million people worldwide do not have access to sufficient amounts of nutritious food. At the same time, food waste in landfills is one of the largest contributors to greenhouse gas emissions.

In recent years this issue has spiked interest among operations management researchers who are looking to contribute to the reduction in food waste by developing models to generate insights and understand the tradeoffs involved.

In this course we will survey some of this recent research, focusing on the management of inventory for perishable and deteriorating products. Perishable items are defined as products with a fixed lifetime after which they can no longer be sold. More specifically, deteriorating products are subject to damage or spoilage over the course of their life time so that they progressively become less valuable in the eyes of consumers.

We will discuss how to model and optimize inventory replenishment decisions for deteriorating products, then tackle more specific questions such as discount pricing, package size decisions and selling channel choice for perishable products. Specific attention will be given to the impact of the firm’s decisions on the amount of waste.

The course will be organized as a seminar-type course where relevant analytical papers will be discussed, with a focus on the modeling and insights aspects.
TUITION FEE & CERTIFICATE

TUITION FEE: 975 EUR
EARLY BIRD APPLICATIONS (before March 31): 900 EUR
ZLC partners may be eligible for tuition discount. Contact the admissions office to know the criteria.

The PhD Summer Academy 2017 program is administered under the MIT-Zaragoza International Logistics Program, one of the select MIT educational and research partnerships http://www.zlc.edu.es/about-us/networks/mit-global-scale/. Upon completion of all courses to which you have enrolled, you will be awarded a certificate stating that you have completed a PhD summer course under the MIT-Zaragoza Program. To get the certificate the PhD candidates are required to attend at least 75% of the course and to comply with the professors’ requirements in terms of readings and in-class discussion.

PhD Summer Academy June 2016

“The Zaragoza PhD Academy not only aims to improve knowledge in the discipline but also provides those skills necessary to succeed as future PhD holders. The knowledge and skills imparted in this programme will be valuable to those undertaking doctoral studies in supply chain, operations management and related fields”.

Kanshukan Rajaratnam, PhD
Associate Professor - Department of Finance and Tax, University of Cape Town, South Africa
Strategic Projects Manager - Faculty of Commerce, University of Cape Town, South Africa

I had a pleasure of teaching in MIT ZLC Ph.D. Academy twice and I would highly recommend it to both faculty and students. Students in the Academy come from many countries and several continents. Despite their diverse backgrounds, students are united in their motivation, their passion for learning, and their desire to grow as researchers. The Academy provides them with a unique opportunity to form lasting bonds with their fellow students and to network with the world-class faculty that teaches at the Academy. Although I have interacted with the ZLC Ph.D. Academy students for a relatively short time, I enjoy meeting them at professional conferences and observing how their careers develop, just as I do with my Ph.D. students….In one word, ZLC Ph.D. Academy is great!

Volodymyr Babich, PhD
Associate professor of Operations and Information Management
McDonough School of Business, Georgetown University, US
PhD Summer Academy 2017

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PhD Summer Academy Director
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Clara Isabel García
PhD Summer Academy Admissions Office
Registration, accommodation, visa requirements
cigarcia@zlc.edu.es

Carlos Velle
IT Department: IT support, access cards to the ZLC building and facilities
cvelle@zlc.edu.es

In collaboration with:

“PHD SUMMER ACADEMY IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT” program is supported by the European Social Fund, participating in the Operational Programme 2014-2020.